

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lars Bjorck et al.

Attorney Docket: KCO1004US

Serial No.: 09/869,677

RECEIVED

Filed: June 29, 2001

MAR 04 2002

For: STREPTOCOCCAL ABC TRANSPORTER PROTEIN

TECH CENTER 1600/2900

TRANSMITTAL LETTER

BOX PCT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is the following:

1. Amendment and Response (3 pages);
2. Copy of Notification of Missing Requirements (2 pages);
3. January 8, 2002 fax to Barbara A. Campbell, including Combined Declaration for Patent Application and Power of Attorney (signed) and Change of Correspondence Address (14 pages);
4. Sequence Listing (5 pages); and
5. Disk containing sequence listing.

RECEIVED
FEB 10 2002
TECH CENTER 1600/2900

Certificate of Express Mail/Transmission (37 C.F.R. 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Mailing Label No. EV 008550803 US in an envelope addressed to BOX PCT, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Date:

February 7, 2002

Signature:

Name: Jodi Jung

Jodi Jung

Transmittal Letter
Applicants: Lars Bjorck et al.
Serial Number: 09/869,677

Attorney Docket: KCO1004US

It is believed that no fees are due. If any fees are due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 16-2312. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our deposit account.

Respectfully submitted,

Date: February 7, 2002

By 

Customer No. 009561

Patrick J. O'Connell, Esq. (33,984)

Miriam G. Simmons (34,727)

POPOVICH & WILES, P.A.

IDS Center, Suite 1902

80 South 8th Street

Minneapolis, MN 55402

Telephone: (612) 334-8989

Representatives of Applicants



UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

MAR 04 2002

JEP

TECH CENTER 1600/2900

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO. 09/869,677	FIRST NAMED APPLICANT Lars Bjorck	ATTY. DOCKET NO. 100084.416USPC
-------------------------------------------	--------------------------------------	------------------------------------

INTERNATIONAL APPLICATION NO.

PCT/GB99/04445

I.A. FILING DATE

12/30/1999

PRIORITY DATE

12/31/1998

James M Verna
Seed Intellectual Property Law Group
701 5th Avenue Suite 6300
Seattle, WA 98104-7092

Transferred
Aug. 3, 2001

ENTERED IN DOCKET

ALREADY

CONFIRMATION NO. 8541

371 FORMALITIES LETTER



OC000000007189320

Date Mailed: 12/14/2001

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Preliminary Amendments
- Request for Immediate Examination

Response to action due -

shortened statutory period:

2/14/2002

per extension by petition and extension fee

3/14/2002

4/14/2002

5/14/2002

6/14/2002

RECEIVED

DEC 26 2001

SEED INTELLECTUAL PROPERTY
LAW GROUP PLLC

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e),

MPT
dwr
Oct 1/10
JEP

1.821(f), 1.821(g), 1.825(b) or 1.825(d).

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 305-3631

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/869,677	PCT/GB99/04445	100084.416USPC

**POPOVICH
& WILES, PA**

ATTORNEYS AND COUNSELORS AT LAW

1902 IDS Center
80 South Eighth Street
Minneapolis, Minnesota 55402
(612) 334-8989
Fax (612) 334-8994

Patrick J. O'Connell
(612) 334-8993

To: Barbara A. Campbell Serial No.: 09/869,677 Company: United States Patent and Trademark Office Location: Arlington, VA Phone: 703-305-3631 Fax: 703-305-3230	From: Patrick J. O'Connell Direct phone: 612-334-8993 Date: January 8, 2002 Pages including cover sheet: 13 Reference #: 453
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Comments:

RECEIVED

MAR 04 2002

TECH CENTER 1600/2900

Certification of Facsimile Transmission

I hereby certify that 13 pages including cover are being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date:

January 8, 2002

Signature:

Jodi Jung

Name: Jodi Jung

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED SOLELY FOR THE USE OF THE PERSONS OR ENTITIES NAMED ABOVE. IF YOU ARE NOT SUCH PERSONS OR ENTITIES, YOU ARE HEREBY NOTIFIED THAT ANY DISTRIBUTION, DISSEMINATION OR REPRODUCTION OF THIS FACSIMILE MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE IMMEDIATELY CALL US COLLECT AT (612) 334-8989.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lars Björck et al.

Attorney Docket: KCO1004US

Serial No.: 09/869,677

Filed: June 29, 2001

For: STREPTOCOCCAL ABC TRANSPORTER PROTEIN

COMMUNICATION

Attn.: Barbara A. Campbell
Box PCT
Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

RECEIVED
MAR 04 2002
TECH CENTER 1600/2900

Dear Sir:

We have received a Notification of Missing Requirements Under 35 U.S.C. 371 dated December 14, 2001. The Notification is addressed to the law firm that originally filed this application and requires that we submit a declaration and a sequence listing.

We filed a Change of Correspondence Address and Declaration and Power of Attorney for this application on October 9, 2001 by Express Mail. Copies of these documents and the Express Mail label are enclosed. We have not received a stamped postcard.

Certification of Facsimile Transmission

I hereby certify that 13 pages including cover are being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date:

January 8, 2002

Signature:

Jodi Jung

Name: Jodi Jung

Communication
Applicants: Lars Björck et al.
Serial Number: 09/869,677

Attorney Docket: KCO1004US

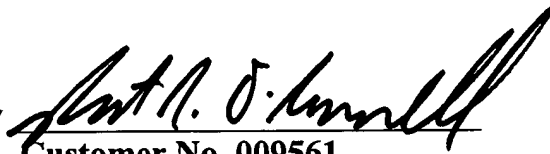
Please confirm that the Change of Correspondence Address and Declaration and Power of Attorney are acceptable by calling the undersigned at 612-334-8993. We will file a response to the Notification of Missing Requirements in which we will respond to the sequence listing objection.

It is believed that no fees are due in connection with this submission. However, if this is incorrect, please charge any additional fees to Deposit Account No. 16-2312.

Respectfully submitted,

Dated: January 8, 2002

By



Customer No. 009561
Thomas E. Popovich (30,099)
Patrick J. O'Connell (33,984)
POPOVICH & WILES, PA
IDS Center, Suite 1902
80 South 8th Street
Minneapolis, MN 55402
Telephone: (612) 334-8989
Attorneys for Applicants

RECEIVED

MAR 04 2002

TECH CENTER 1600/2900



POST OFFICE TO ADDRESSEE



EV 008991279 US



SEE REVERSE SIDE FOR
SERVICE GUARANTEE AND LIMITS
ON INSURANCE COVERAGE

ORIGIN (POSTAL USE ONLY)			
PO ZIP Code 55402	Day of Delivery <input checked="" type="checkbox"/> First <input type="checkbox"/> Second	Flat Rate Envelope <input type="checkbox"/>	
Date In 10 9 01	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage \$10.45	
Time In 4:09 PM	<input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Return Receipt Fee	
Weight 3 lbs. 0 ozs.	Int'l Alpha Country Code	COD Fee	Insurance Fee
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials <i>[Signature]</i>	Total Postage & Fees \$12.95	

☐ **WAIVER OF SIGNATURE (Domestic Only)** Additional merchandise insurance is void if waiver of signature is requested. (Each delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.)

☐ **NO DELIVERY** ☐ Weekend ☐ Holiday

Customer Signature: _____

CUSTOMER USE ONLY

METHOD OF PAYMENT: **X 553998**

Express Mail Corporate Acct. No.

FROM: (PLEASE PRINT) **POPOVICH & WILES P A**
30 S 8TH ST STE 1902
MINNEAPOLIS MN 55402-2111

PHONE: **612.334-8989**

(KCD1004US)

Federal Agency Acct. No. or Postal Service Acct. No.

TO: (PLEASE PRINT) **Box PCT**
ASSISTANT COMMISSIONER
FOR PATENTS
WASHINGTON DC 20231-9999

PHONE: _____

Customer Copy
Label 11-F August 2000

FC2
T12

507

FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com



**The mail stamp of the Patent and Trademark Office on card
acknowledges the filing on the date stamped of:**

**Transmitted herewith is a Transmittal Letter with cert. of express mail (2 pages,
in duplicate); Change of Correspondence Address with cert. of express mail (2
pages); and Declaration and Power of Attorney (signed, 4 pages).**

**Applicants: Lars Bjorck et al.
Title: Streptococcal ABC Transporter Protein
Serial No.: 09/869,677
File No.: KCO1004US
Due Date:
Initials: TEP/PJO/MGS
Mailed: October 9, 2001
Express Mail Label No.: EV 008531279 US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lars Bjorck et al.

Attorney Docket: KCO1004US

Serial No.: 09/869,677

Filed: June 29, 2001

For: STREPTOCOCCAL ABC TRANSPORTER PROTEIN

TRANSMITTAL LETTER

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith are the following:

1. Change of Correspondence Address (2 pages); and
2. Declaration and Power of Attorney (signed, 4 pages).

RECEIVED

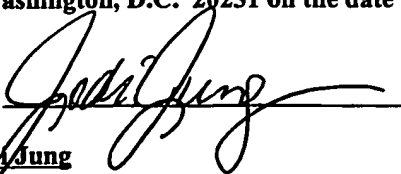
MAR 04 2002

TECH CENTER 1600/2900

Certificate of Express Mailing (37 C.F.R. § 1.10)

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Mailing Label No. EV 008531279 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Date: October 9, 2001

Signature: 

Name: Jodi Jung

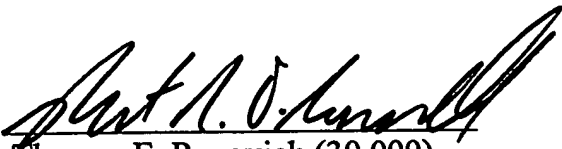
Transmittal Letter
Applicants: Lars Björck et al.
Serial Number: 09/869,677

Attorney Docket: KCO1004US

Please charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 16-2312. A duplicate copy of this transmittal letter is attached.

Respectfully submitted,

Dated: October 9, 2001

By 
Thomas E. Popovich (30,099)
Patrick J. O'Connell (33,984)
POPOVICH & WILES, PA
IDS Center, Suite 1902
80 South 8th Street
Minneapolis, MN 55402
Telephone: (612) 334-8989
Attorneys for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lars Björck et al.

Attorney Docket: KCO1004US

Serial No.: 09/869,677

Filed: June 29, 2001

For: STREPTOCOCCAL ABC TRANSPORTER PROTEIN

CHANGE OF CORRESPONDENCE ADDRESS

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

MAR 04 2002

TECH CENTER 1600/2900

Dear Sir:

The above-identified application under 35 U.S.C. § 371 was filed by another law firm and did not include a declaration and power of attorney. Responsibility for this application was transferred by the client from the previous law firm to Popovich & Wiles, P.A., whose attorneys and agent are listed in the enclosed Declaration and Power of Attorney. The enclosed executed Declaration and Power of Attorney directs that all correspondence be sent to the undersigned attorney. Consistent with the Declaration and Power of Attorney, please ensure that all correspondence is sent to:

Patrick J. O'Connell, Esq. (33,984)
POPOVICH & WILES, P.A.
IDS Center, Suite 1902
80 South 8th Street
Minneapolis, MN 55402

Certificate of Express Mailing (37 C.F.R. § 1.10)

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Mailing Label No. EV 008531279 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Date: October 9, 2001

Signature: 

Name: Jodi Jung

Change of Correspondence Address
Applicants: Lars Björck et al.
Serial Number: 09/869,677

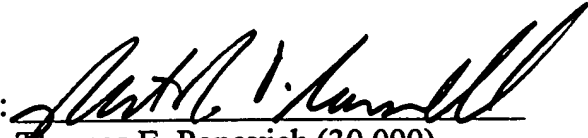
Attorney Docket: KCO1004US

Please charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 16-2312.

Please direct all telephone calls to Patrick J. O'Connell at (612) 334-8989.

Respectfully submitted,

Date: October 9, 2001

By: 
Thomas E. Popovich (30,099)
Patrick J. O'Connell (33,984)
POPOVICH & WILES, PA
IDS Center, Suite 1902
80 South 8th Street
Minneapolis, MN 55402
Telephone: (612) 334-8989
Attorneys for Applicants

Docket Number: KCO1004US
Declaration for Patent Application

**COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: STREPTOCOCCAL ABC TRANSPORTER PROTEIN

the specification of which (check one)

_____ is attached hereto.

 X was filed on June 29, 2001 in the United States Patent and Trademark Office as Application Serial No. 09/869,677 and was amended on N/A .

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365 of any foreign application(s) for patent or inventor's certificate or PCT International Application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT

RECEIVED

MAR 04 2002

TECH CENTER 1600/2900

International Application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority Claimed	
			Yes	No
PCT/GB99/04445	PCT	December 30, 1999 (12/30/99)	X	
9828880.6	United Kingdom	December 31, 1998 (12/31/98)	X	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States Provisional Application(s) listed below:

N/A

(Application No.) (Filing Date)

RECEIVED

MAR 04 2002

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) or any PCT International Application(s) designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

N/A

(Application No.) (Filing Date) (Status)
(patented, pending/abandoned)

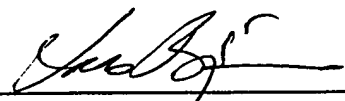
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Thomas E. Popovich (Reg. No. 30,099), Terry L. Wiles (Reg. No. 29,989), Patrick J. O'Connell (Reg. No. 33,984), and Miriam G. Simmons (Reg. No. 34,727).

Address all telephone calls to: Patrick J. O'Connell at (612) 334-8989.
Address all telefaxes to: Patrick J. O'Connell at (612) 334-8994.

Address all correspondence to: Patrick J. O'Connell, Popovich & Wiles, PA, Suite 1902, IDS Center, 80 South 8th Street, Minneapolis, Minnesota 55402-2111.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Lars Björck
Full name of first joint inventor

X 
Inventor's signature

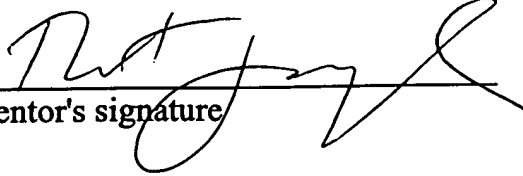
August 29, 2007
Date

Magle Stora Kyrkogata 10
S-223 50 Lund
Sweden
Residence

Sweden
Citizenship

Magle Stora Kyrkogata 10
S-223 50 Lund
Sweden
Post Office Address

Robert Janulczyk
Full name of second joint inventor

X 
Inventor's signature

10/9 - 01
Date

Vildanden W304
S-227 34 Lund
Sweden

Residence

Sweden
Citizenship

Vildanden W304
S-227 34 Lund
Sweden
Post Office Address

MODE = MEMORY TRANSMISSION

START=JAN-08 07:36

END=JAN-08 07:39

FILE NO.=730

STN NO.	COMM.	ABBR NO.	STATION NAME/TEL NO.	PAGES	DURATION
001	OK	2	917033053230-453	013/013	00:01:52

-POPOVICH & WILES P.A. -

***** -612 334 8994 - ***** 612 334 8994- *****

**POPOVICH
& WILES, PA**

ATTORNEYS AND COUNSELORS AT LAW

1902 IDS Center
80 South Eighth Street
Minneapolis, Minnesota 55402
(612) 334-8989
Fax (612) 334-8994

Patrick J. O'Connell
(612) 334-8993

To: Barbara A. Campbell Serial No.: 09/869,677 Company: United States Patent and Trademark Office Location: Arlington, VA Phone: 703-305-3631 Fax: 703-305-3230	From: Patrick J. O'Connell Direct phone: 612-334-8993 Date: January 8, 2002 Pages including cover sheet: 13 Reference #: 453
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Comments:

Certification of Facsimile Transmission

I hereby certify that 13 pages including cover are being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date:

January 8, 2002

Signature:

Jodi Jung

Name: Jodi Jung

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED SOLELY FOR THE USE OF THE PERSONS OR ENTITIES NAMED ABOVE. IF YOU ARE NOT SUCH PERSONS OR ENTITIES, YOU ARE HEREBY NOTIFIED THAT ANY DISTRIBUTION, DISSEMINATION OR REPRODUCTION OF THIS FACSIMILE MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE IMMEDIATELY CALL US COLLECT AT (612) 334-8989.